

# ADNAN ABDUL KARIM

Lecturer, Institute of Geology  
University of the Punjab, Lahore - Pakistan  
Mob: +92-345-4383869; Office: +92-42-99230467  
[adnan.geo@pu.edu.pk](mailto:adnan.geo@pu.edu.pk)



## SUMMARY

A **Geologist (Stratigrapher/Micropaleontologist/Gemologist)** having around 10 years of multidisciplinary work experience. I studied at University of the Punjab, Lahore from where I have received degrees of B.Sc., M.Sc., & M.Phil in Geology. Presently working at **University of the Punjab**, Lahore, Pakistan as **Lecturer** in Geology. Responsible for teaching stratigraphy, micropaleontology, petroleum geology, and tectonics to the graduate and undergraduate students. Also, supervising students' thesis and research projects.

Research interests include studies of carbonates with special emphasis on larger benthic foraminifera and their stratigraphic implications, particularly their applications in E&P industry. I've adequate experience of identifying fauna under the microscope and other rock fragments for microfacies analysis and interpretation of depositional environments.

In July 2009, I went to Bangkok for studying 6 months "**Accredited Gemologist (AG)** Diploma Program at **Asian Institute of Gemological Sciences**, Bangkok. After acquiring the 'AG' diploma in December 2009, I started serving **Pakistan Gems & Jewellery Development Company**, and there I've worked for one year as **Gemologist** at their Gems and Jewellery Training & Manufacturing Center Lahore. I was responsible for testing and certification of diamonds and colored gemstones. Also, there I've been conducting training courses on gemology.

During early years of my professional career, I was involved in feasibility studies of some hydropower projects in Kashmir region. Geological mapping, satellite imagery interpretation, geotechnical studies, preparation of tender documents, compilation of project reports were my major responsibilities. Also, I've got some experience of conducting geophysical surveys.

## EDUCATION

Degree	<b>M.Phil. Applied Geology</b> Specialization in " <i>Micropaleontology &amp; Stratigraphy</i> "
Year	Jan. 2015
Institution	Institute of Geology, University of the Punjab, Lahore, Pakistan
Diploma	<b>Accredited Gemologist (AG) Diploma</b>
Year	Dec. 2009
Institution	Asian Institute of Gemological Sciences (AIGS), Bangkok, Thailand
Degree	<b>M.Sc. Applied Geology</b> Specialization in " <i>Micropaleontology &amp; Stratigraphy</i> "
Year	April 2007
Institution	Institute of Geology, University of the Punjab, Lahore, Pakistan
Degree	<b>B.Sc. Applied Geology</b>
Year	2005
Institution	Institute of Geology, University of the Punjab, Lahore, Pakistan

## TRAININGS & WORKSHOPS

- Workshop on "*3-D Seismic Survey & Attribute Analysis*" by Dr. Khalid Amin Khan (Oil & Gas Development Company Ltd. Pakistan) – April 2013.
- Short Course on "*Applied Numerical Methods with MATLAB*" by Dr. Pervez Khalid (University of the Punjab, Lahore, Pakistan) – March 2013.
- Workshop on "*Research Ethics, Endnote and Turnitin*" organized by Department of Library & Information Science, University of the Punjab, Lahore, Pakistan – Sept. 2012.
- Certificate of Participation in "*Faculty Orientation Program 2012*" organized by Institute of Administrative Sciences, University of the Punjab, Lahore, Pakistan – July 2012.
- Short course and field work on "*Basics of Sequence Stratigraphy and its Applications to Outcrops*" by Pakistan Association of Petroleum Geoscientists (PAPG).
- Training course on "*Applications of Remote Sensing and GIS in Geology*" held at Institute of Geology, University of the Punjab.

## RESEARCH

Published	" <i>The Paleocene-Eocene Boundary in the Upper Indus Basin, Northern Pakistan</i> ". Sci-Int(Lahore),26(5),2179-2186 ,2014
	" <i>Lockhart Limestone of Hazara area: A Potential Source for Construction Aggregate</i> ". Sci-Int(Lahore),26(5),2173-2177,2014
	" <i>Foraminiferal Biostratigraphy and Reconnaissance Microfacies of Paleocene Lockhart Limestone of Jabri area, Hazara, Northern Pakistan</i> ". Geol. Bull. Punjab Univ. 44, 2009.

<b>CAREER RECORD</b>	Organization Location Tenure Present Position <b>Responsibilities</b>	<b>University of the Punjab</b> Lahore, Pakistan <b>January 2011 to date</b> <b>Lecturer</b> <ul style="list-style-type: none"> <li>▪ Teaching different subjects to the students of geology and supervising their thesis work.</li> <li>▪ Conducting research work in the field of micropaleontology and stratigraphy.</li> <li>▪ Managing the laboratories.</li> <li>▪ Planning and execution of field excursions.</li> </ul>
	Organization Location Tenure Position <b>Responsibilities</b>	<b>Pakistan Gems &amp; Jewellery Development Company</b> Lahore, Pakistan July 2009 to December 2010 <b>Gemologist</b> <ul style="list-style-type: none"> <li>▪ Study 6 months "Accredited Gemologist" (AG) Diploma Program at Asian Institute of Gemological Sciences, Bangkok, Thailand.</li> <li>▪ Run and manage Gem Testing Lab and to perform testing, certification and grading of colored gemstones and diamonds.</li> <li>▪ To design and conduct training courses on Gemology.</li> </ul>
	Organization Location Tenure Position <b>Responsibilities</b>	<b>Fida Hussain Chaudhary – FHC Consulting Engineers</b> Lahore, Pakistan April 2008 to June 2009 <b>Junior Geologist</b> <ul style="list-style-type: none"> <li>▪ Reconnaissance survey and preliminary geological investigations for hydropower projects.</li> <li>▪ Surface geological mapping.</li> <li>▪ Preparation of geological maps, structural maps, and geological cross-sections.</li> <li>▪ Geological interpretations with the help of satellite imagery.</li> <li>▪ Collection and review of published data / literature.</li> <li>▪ Preparation of monthly progress reports of the projects.</li> <li>▪ Project report writing, preparation of technical cum financial proposals and tender documents.</li> </ul>
	Organization Location Tenure Position <b>Responsibilities</b>	<b>GeoScience Associates</b> Lahore, Pakistan May 2007 to March 2008 <b>Junior Geologist</b> <ul style="list-style-type: none"> <li>▪ Carrying out seismic and electrical resistivity surveys at different dam sites and groundwater development projects.</li> <li>▪ Carrying out Sonic Integrity Testing (SIT) of concrete piles at various construction projects of national interest.</li> <li>▪ Conducting Resistivity and S.P. well logging for groundwater development.</li> <li>▪ Interpretation of data and compilation of reports.</li> <li>▪ Preparation of technical &amp; financial proposals.</li> </ul>
	Organization Location Tenure Position <b>Training on</b>	<b>GeoScience Associates</b> Lahore, Pakistan May 2006 to April 2007 <b>Trainee Geologist</b> <ul style="list-style-type: none"> <li>▪ Electrical resistivity surveys.</li> <li>▪ Sonic Integrity Testing (SIT) of concrete piles.</li> <li>▪ Resistivity and S.P. well logging for groundwater development.</li> <li>▪ Interpretation of data and compilation of reports.</li> </ul>
<b>SOFTWARE SKILLS</b>	<ul style="list-style-type: none"> <li>▪ SedLog 2.1.4; Win-Log</li> <li>▪ Arc-View GIS 9.1</li> <li>▪ RESIX-P – for processing and interpretation of electrical resistivity survey data.</li> <li>▪ SIT-32 – for processing and interpretation of sonic integrity testing data.</li> </ul>	
<b>LANGUAGES</b>	<ol style="list-style-type: none"> <li>1. <b>English</b> (speaking, reading, writing)</li> <li>2. <b>Urdu</b> (speaking, reading, writing)</li> <li>3. <b>Punjabi</b> (speaking)</li> </ol>	

**July 2016**